Test objective: TC PIM_02

Edit an existing employee in the PIM module

Precondition:

1. A valid ESS-User account to log in to be available

2. Orange HRM 3.0 site is launched on a compatible browser

Steps:

1. Go to the PIM module from the left pane on the web page.

2. From the existing list of employees in the PIM module, edit the employee information of employee and save it.

Expected Result:

The user should be able to edit existing employee information in the PIM and should see a message for successful employee details addition.

How the Code Works

This Python script uses Selenium to automate a test case for editing an employee's information in the PIM module of the "opensource-demo.orangehrmlive.com" website. The script defines a class “Test_case_PIM_02” with methods login, browsing, “go_to_pim_module”, “edit_employee”, and “close_browser” to perform the following actions:

1. “login”: opens a Firefox browser and logs in to the website with the username and password provided in the class variables.

2. “browsing: maximizes” the browser window and navigates to the website URL.

3. “go_to_pim_module”: clicks on the PIM module on the website.

4. “edit_employee”: searches for an employee with the given employee id, clicks on the employee's ID link, edits the first and last name fields with the given parameters, and saves the changes. Finally, it verifies that a success message is displayed.

5. “close_browser”: closes the browser.

Three methods of locating elements on the web page using Selenium are used in this script:

1. “By.NAME”: finds elements by the "name" attribute of the HTML tag.
2. “By.ID”: finds elements by the "id" attribute of the HTML tag.
3. “By.XPATH”: finds elements by an XPath expression that defines the element's location in the document object model (DOM) tree.